

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012425\
 Data File : FE052048.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2025 14:25
 Operator : YP\AJ
 Sample : Q1168-04
 Misc : 2.5 PPB SOIL LOD
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 00:44:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE012325.M
 Quant Title :
 QLast Update : Fri Jan 24 03:06:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.253	1760623	17.677 ug/ml
Target Compounds			
1) N-OCTANE	2.411	185330	2.173 ug/ml
2) N-DECANE	4.905	212512	2.322 ug/ml
3) N-DODECANE	7.033	225595	2.258 ug/ml
4) N-TETRADECANE	8.838	237207	2.331 ug/ml
5) N-HEXADECANE	10.431	252326	2.368 ug/ml
6) N-OCTADECANE	11.864	264354	2.358 ug/ml
7) N-EICOSANE	13.166	272419	2.446 ug/ml
8) N-DOCOSANE	14.357	267383	2.408 ug/ml
10) N-TETRACOSANE	15.455	267234	2.416 ug/ml
11) N-HEXACOSANE	16.472	268026	2.459 ug/ml
12) N-OCTACOSANE	17.418	274612	2.544 ug/ml
13) N-TRIACONTANE	18.304	288341	2.687 ug/ml
14) N-DOTRIACONTANE	19.133	285659	2.736 ug/ml
15) N-TETRATRIACONTANE	19.916	256172	2.728 ug/ml
16) N-HEXATRIACONTANE	20.654	210668	2.609 ug/ml
17) N-OCTATRIACONTANE	21.437	185980	2.493 ug/ml
18) N-TETRACONTANE	22.436	167650	2.276 ug/ml

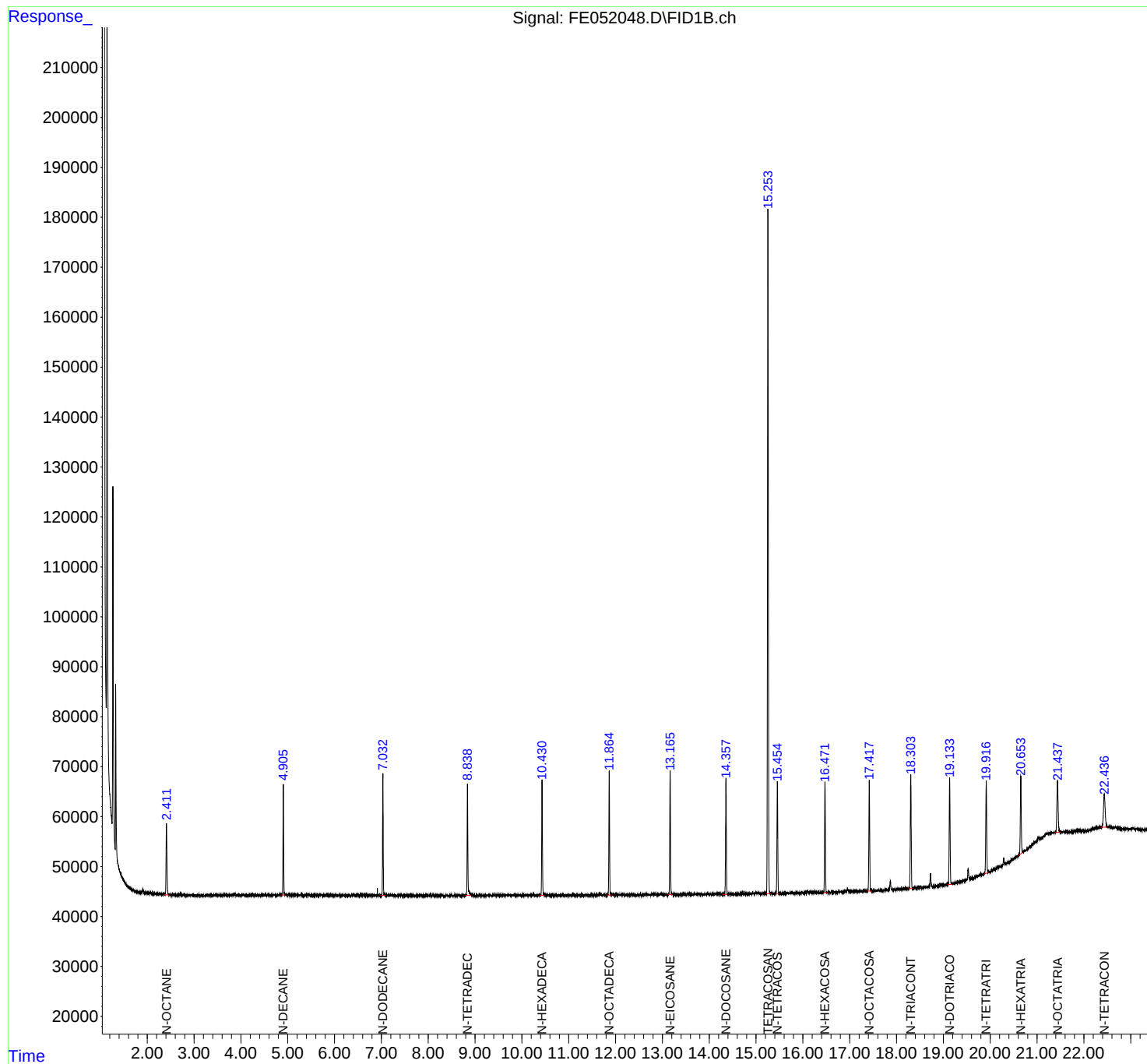
(f)=RT Delta > 1/2 Window

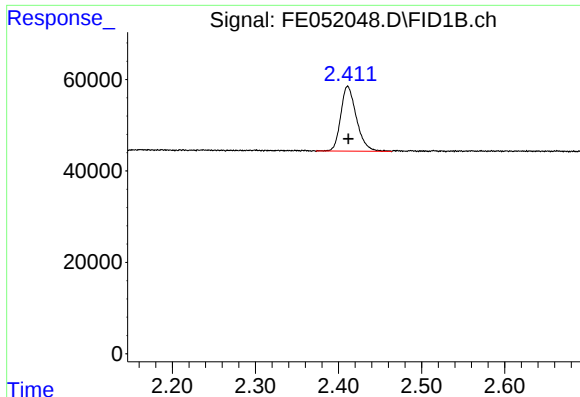
(m)=manual int.

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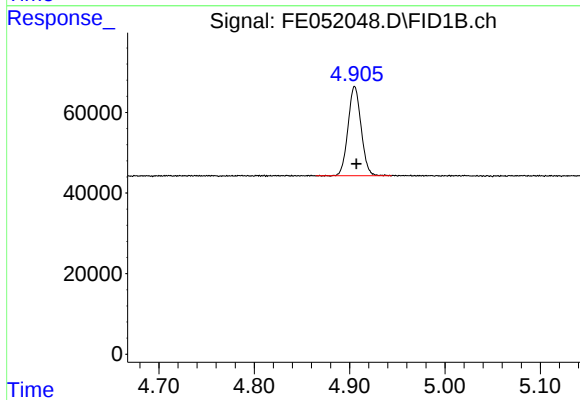
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





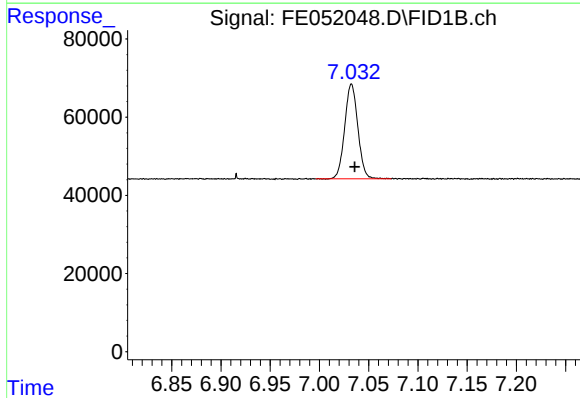
#1 N-OCTANE

R.T.: 2.411 min
Delta R.T.: 0.000 min
Response: 185330
Conc: 2.17 ug/ml



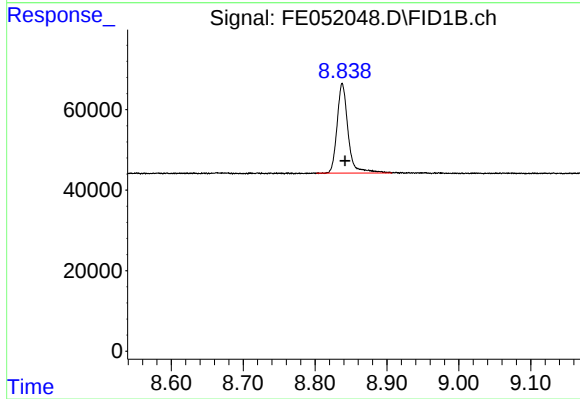
#2 N-DECANE

R.T.: 4.905 min
Delta R.T.: -0.002 min
Response: 212512
Conc: 2.32 ug/ml



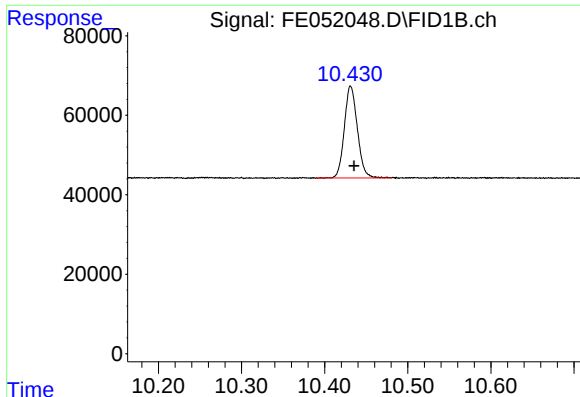
#3 N-DODECANE

R.T.: 7.033 min
Delta R.T.: -0.003 min
Response: 225595
Conc: 2.26 ug/ml



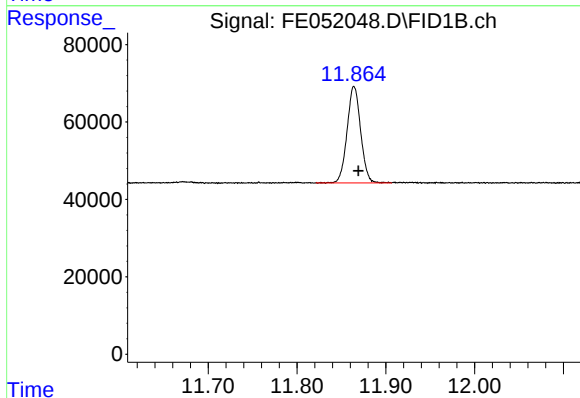
#4 N-TETRADECANE

R.T.: 8.838 min
Delta R.T.: -0.004 min
Response: 237207
Conc: 2.33 ug/ml



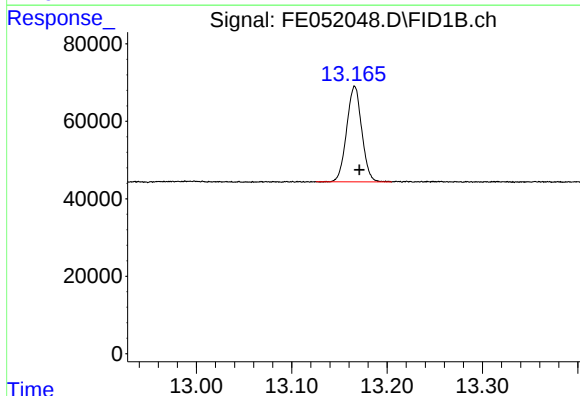
#5 N-HEXADECANE

R.T.: 10.431 min
Delta R.T.: -0.004 min
Response: 252326
Conc: 2.37 ug/ml



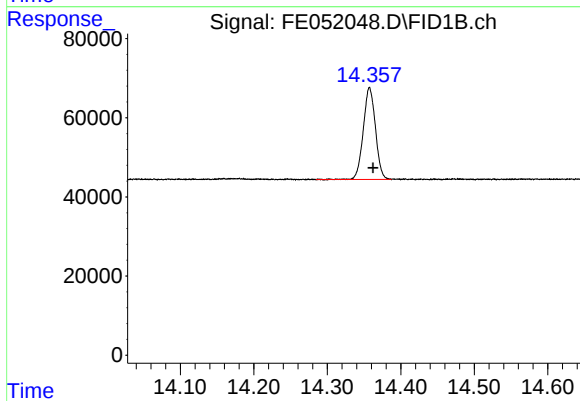
#6 N-OCTADECANE

R.T.: 11.864 min
Delta R.T.: -0.005 min
Response: 264354
Conc: 2.36 ug/ml



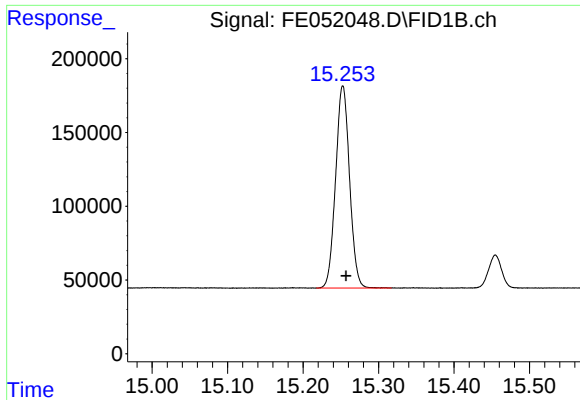
#7 N-EICOSANE

R.T.: 13.166 min
Delta R.T.: -0.005 min
Response: 272419
Conc: 2.45 ug/ml



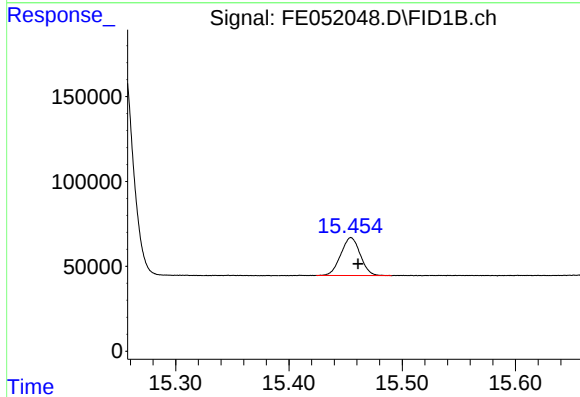
#8 N-DOCOSANE

R.T.: 14.357 min
Delta R.T.: -0.005 min
Response: 267383
Conc: 2.41 ug/ml



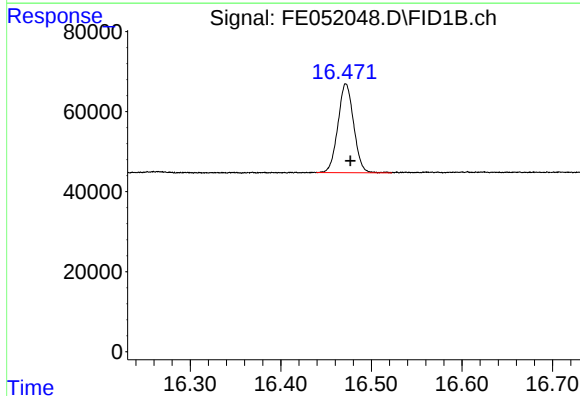
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.253 min
Delta R.T.: -0.004 min
Response: 1760623
Conc: 17.68 ug/ml



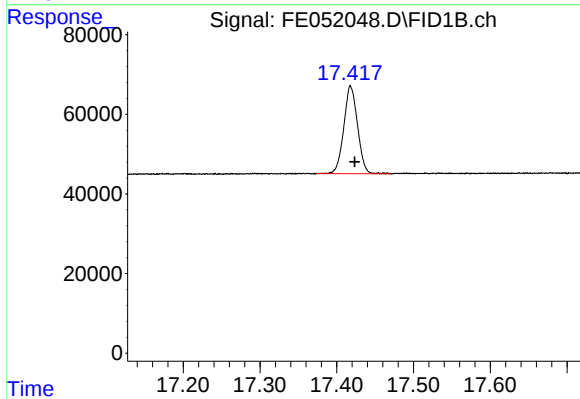
#10 N-TETRACOSANE

R.T.: 15.455 min
Delta R.T.: -0.006 min
Response: 267234
Conc: 2.42 ug/ml



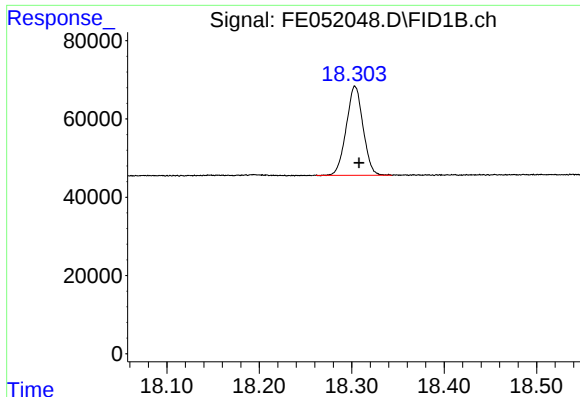
#11 N-HEXACOSANE

R.T.: 16.472 min
Delta R.T.: -0.005 min
Response: 268026
Conc: 2.46 ug/ml



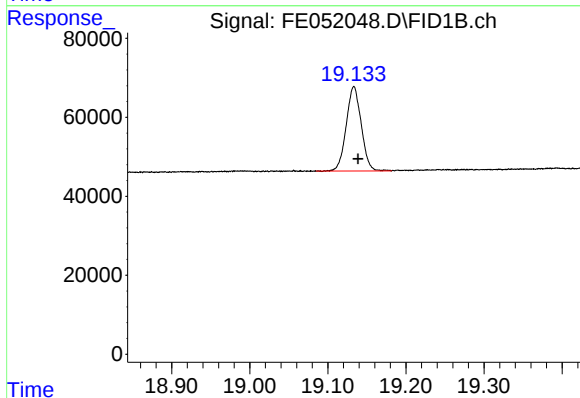
#12 N-OCTACOSANE

R.T.: 17.418 min
Delta R.T.: -0.006 min
Response: 274612
Conc: 2.54 ug/ml



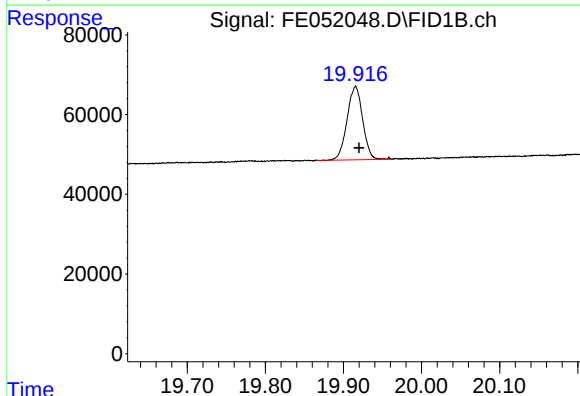
#13 N-TRIACONTANE

R.T.: 18.304 min
Delta R.T.: -0.004 min
Response: 288341
Conc: 2.69 ug/ml



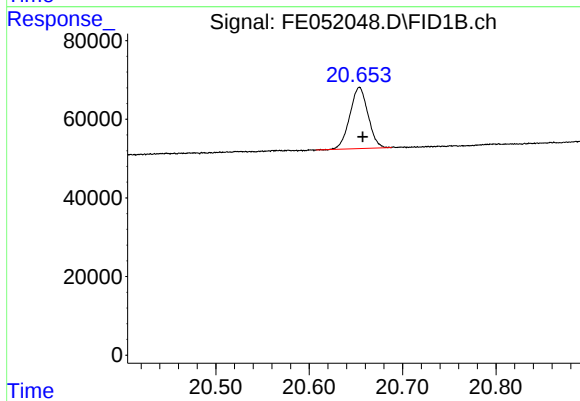
#14 N-DOTRIACONTANE

R.T.: 19.133 min
Delta R.T.: -0.005 min
Response: 285659
Conc: 2.74 ug/ml



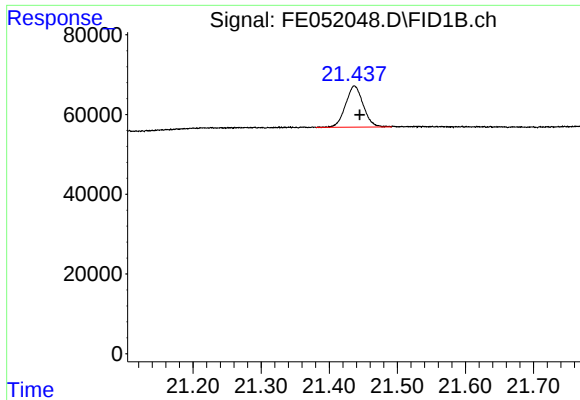
#15 N-TETRATRIACONTANE

R.T.: 19.916 min
Delta R.T.: -0.005 min
Response: 256172
Conc: 2.73 ug/ml



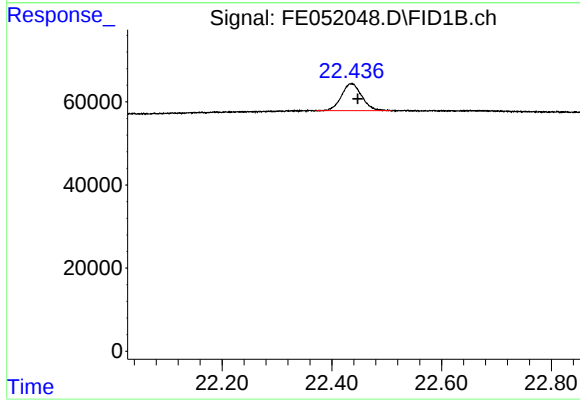
#16 N-HEXATRIACONTANE

R.T.: 20.654 min
Delta R.T.: -0.004 min
Response: 210668
Conc: 2.61 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.437 min
Delta R.T.: -0.008 min
Response: 185980
Conc: 2.49 ug/ml



#18 N-TETRACONTANE

R.T.: 22.436 min
Delta R.T.: -0.011 min
Response: 167650
Conc: 2.28 ug/ml